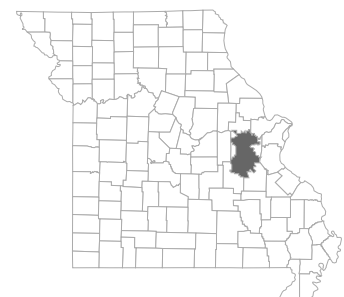


# The Economic Value of East Central College to the East Central College Taxing District



East Central College (ECC) creates a significant positive impact on the business community and generates a return on investment to its major stakeholder groups—students, taxpayers, and society. Using a two-pronged approach that involves an economic impact analysis and an investment analysis, this study calculates the benefits received by each of these groups. Results of the analysis reflect fiscal year (FY) 2022-23.



The ECC Taxing District, Missouri





## Economic impact analysis

In FY 2022-23, ECC added **\$110.9 million** in income to the ECC Taxing District economy, a value approximately equal to **2.7%** of the region's total gross regional product (GRP). Expressed in terms of jobs, ECC's impact supported **1,891 jobs**. For perspective, the activities of ECC and its students support **one out of every 26 jobs** in the ECC Taxing District.

### Operations spending impact

- ECC employed 453 full-time and part-time faculty and staff. Payroll amounted to \$18.2 million, much of which was spent in the region for groceries, mortgage and rent payments, dining out, and other household expenses. The college spent another \$8.7 million on its expenses related to facilities, supplies, and professional services (excluding construction).
- The net impact of the college's operations spending added **\$10.9 million** in income to the regional economy in FY 2022-23.

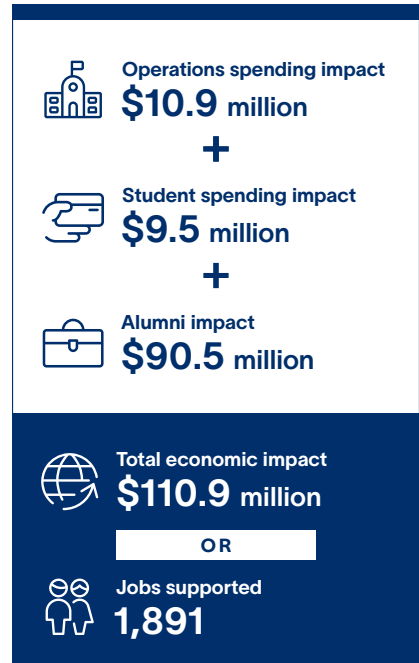
### Student spending impact

- Around 34% of students attending ECC originated from outside the region. Most of them relocated to the ECC Taxing District. In addition, some in-region students, referred to as retained students, would have left the ECC Taxing District for other educational opportunities if not for ECC. These relocated and retained students spent money on groceries, mortgage and rent payments, and other living expenses at regional businesses.
- The expenditures of relocated and retained students in FY 2022-23 added **\$9.5 million** in income to the ECC Taxing District economy.

### Alumni impact

- Over the years, students have studied at ECC and entered or re-entered the workforce with newly acquired knowledge and skills. Today, thousands of these former students are employed in the ECC Taxing District.
- The net impact of ECC's former students currently employed in the regional workforce amounted to **\$90.5 million** in added income in FY 2022-23.

Impacts created by  
ECC in FY 2022-23



\* For the purposes of this analysis, the ECC Taxing District is comprised of 16 zip codes spanning across Crawford, Franklin, St. Charles, and Warren Counties in Missouri.

## Investment analysis

### Student perspective

- ECC's FY 2022-23 students paid a present value of **\$77 million** to cover the cost of tuition, fees, supplies, and interest on student loans. They also forwent a value of **\$5.7 million** in time and money had they been working instead of attending college.
- In return for their investment, students will receive a cumulative present value of **\$74.3 million** in increased earnings over their working lives. This translates to a return of **\$5.60** in higher future earnings for every dollar students invest in their education. Students' average annual rate of return is **17.9%**.

### Taxpayer perspective

- Taxpayers provided ECC with **\$18.6 million** of funding in FY 2022-23. In return, they will benefit from added tax revenue, stemming from students' higher lifetime earnings and increased business output, amounting to **\$22.5 million**. A reduced demand for government-funded services in Missouri will add another **\$3.1 million** in benefits to taxpayers.
- Total taxpayer benefits amount to **\$25.6 million**, the present value sum of the added tax revenue and public sector savings. For every dollar of public money invested in ECC, taxpayers will receive **\$1.40** in return over the course of students' working lives. The average annual rate of return for taxpayers is **2.2%**.

### Social perspective

- In FY 2022-23, Missouri invested **\$35.4 million** to support ECC. In turn, the Missouri economy will grow by **\$289.0 million**, over the course of students' working lives. Society will also benefit from **\$12.6 million** of public and private sector savings.
- For every dollar invested in ECC in FY 2022-23, people in Missouri will receive **\$8.50** in return, for as long as ECC's FY 2022-23 students remain active in the state workforce.

### Students see a high rate of return for their investment in ECC



Average annual return for ECC students

**17.9%**



Stock market 30-year average annual return

10.1%



Interest earned on savings account (national deposit rate)

0.5%

Source: Forbes' S&P 500, 1992-2022; FDIC.gov, 2-2022

### For every \$1...



Students gain in lifetime earnings

**\$5.60**



Taxpayers gain in added tax revenue and public sector savings

**\$1.40**



Society gains in added income and social savings

**\$8.50**

